

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,296,161 B1  
APPLICATION NO. : 09/521424  
DATED : November 13, 2007  
INVENTOR(S) : Wakao et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings	
Sheet 3, Fig. 3,	"IMGAE" should read --IMAGE--.
Sheet 19, Fig. 20,	"S1203" should read --S1903--.
Col. 1, line 14,	"in" should read --on--.
Col. 2, line 16,	"invention to" should read --invention is to--.
Col. 3, line 33,	"more" should be deleted.
Col. 10, line 2,	"steps the" should read --the steps--.
Col. 11, line 27,	"exclusive Ored" should read --exclusive-ORed--.
Col. 13, line 8,	"function" should read --function,--.
Col. 15, line 34,	"function" should read --function,--.
Col. 18, line 23,	"information S" should read --information S,--.
line 37,	"cannot generated" should read --cannot be generated--.
Col. 20, line 48,	"medium" should read --medium,--.
Col. 27, line 65,	"calculation" should read --calculation,--.
Col. 28, line 39,	"is" should read --are--.
Col. 29, line 18,	"is" should read --are--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 28, line 20, "checking integrity" should read --checking the integrity--.

line 66, "checking integrity" should read --checking the integrity--.

Signed and Sealed this

First Day of July, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*